

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :

Elsa JOLIMAITRE et al. :

Serial No.: 09/935,658 :

Filed: August 24, 2001 :



Examiner: T. M. Nguyen

Group Art Unit: 1764

For: PROCESS FOR SEPARATING MULTIBRANCHED PARAFFINS USING A  
ZEOLITIC ADSORBENT WITH A MIXED STRUCTURE

REPLY UNDER 37 CFR §1.116

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
APR 15 2003  
TC 1700

Sir:

In response to the Office Action of January 27, 2003, entry of the following  
amendments is respectfully requested.

IN THE CLAIMS

Please amend the claims as follows:

--1. (Twice Amended) A process for separating multibranched paraffins  
comprised in a hydrocarbon feed comprising hydrocarbons containing 5 to 8 carbon atoms  
per molecule, wherein said hydrocarbon feed contains linear, monobranched and  
multibranched paraffins, comprising:

bringing said hydrocarbon feed into contact with at least one zeolitic adsorbent  
whereby multibranched paraffins are separated from said hydrocarbon feed, and fractionating  
said hydrocarbon feed into at least two distinct effluents, a first effluent consisting essentially  
of multibranched paraffins and having a high octane number, and a second effluent which has  
a low octane number,

said adsorbent having at least two types of channels, principal channels with an opening  
defined by a ring of 10 oxygen atoms and secondary channels with an opening defined by a ring  
of at least 12 oxygen atoms, said secondary channels only being accessible to said hydrocarbon  
feed via said principal channels.--

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. PET-1949

IN RE APPLICATION OF: Elsa JOLIMAITRE et al.

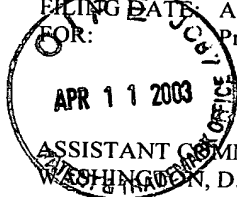
SERIAL NO: 09/935,658

FILING DATE: August 24, 2001

GAU: 1764

EXAMINER: T. M. Nguyen

FOR: Process for separating multibranched paraffins using a zeolitic absorbent with a mixed structure



## AMENDMENT TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**RECEIVED**  
APR 15 2003  
TC 1700

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required.
- ☐ Applicant(s) is/are entitled to small entity status.
- ☐ Additional documents filed herewith:

The fee has been calculated below:

CLAIMS	CLAIMS REMAINING		HIGHEST NO. PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS	RATE		CALCULATIONS
TOTAL	23	MINUS	23	0	x	\$18 =	\$0.00
INDEPENDENT	4	MINUS	4	0	x	\$84 =	\$0.00
	<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS						
	<input type="checkbox"/> TOTAL OF ABOVE CALCULATIONS						\$0.00
	<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY						\$0.00
	<input type="checkbox"/> RECORDATION OF ASSIGNMENT						\$0.00
	TOTAL						\$0.00

- ☐ A check in the amount of \$\_\_\_\_\_ is attached.
- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.36 for any necessary extension of time may be charged to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Attorney for Applicants

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Date: April 11, 2003